



ST. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Anna University Recognized Research Institute
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

Purchase Committee Review Meeting – Attendance # 07

Date : 20/05/2025
Time : 3.00 p.m. - 4.45 pm
Venue : Board Room

Sl. No.	Name	Signature
1.	Rev. Fr. S. Godwin Selva Justus Correspondent	 20/05/2025
2.	Rev. Fr. R. Xavier Raj Financial Administrator	
3.	Mr. Vincent D. Purchase Committee Convener	
4.	Mr. Arul Dhas V.M. Audit Committee Convener	
5.	Dr. J. Maheswaran Principal	 20.5.25
6.	Dr. G. Antony Miraculas HoD / MECH	 20/5/2025
7.	Dr. S. Caroline HoD/ ECE	 20/5/25
8.	Mr. P. T. Justin Thiraviyam Office Superintendent	 20/5/25



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St. Xavier's Catholic College of Engineering
(An Autonomous Institution), Chunkankadai, Nagercoil - 629003.

AGENDA

- Minutes of previous meeting held on 19/11/'24 and Action Taken
- Status of Equipment purchase, Service & Maintenance during EVEN semester 2024 - '25
- Summary of ODD and EVEN semester 2024 - '25 expenditure
- Budget for the academic year 2025 - '26
- Other matters

Agenda 1: Minutes of previous meeting held on 19/11/'24 and Action Taken

Sl. No.	Minutes	Action Taken	Discussion
1a	Summary of ODD semester 2024 - '25 expenditure	<p>Purchases made during ODD semester 2024 - '25 from AI&DS, CE, EEE, ECE, MCA were presented on 19/11/2024.</p> <p>Equipment - Rs. 28,30,177</p> <p>Consumables - Rs. 1,54,596</p> <p>Repair & Maintenance - Rs. 84,201</p> <p>Office of the CoE - Rs. 20,88,799 (Remuneration, Provisional Degree Fee to AU, Exam Software Annual Fee)</p> <p>Library - Rs. 4,20,000</p> <p>Central Office - Rs. 30,99,134 (Printing, Stationery, Uniform)</p> <p>Training & Placement - Rs. 7,40,000 (Drives + Training)</p> <p>Total Expenditure(ODD) Rs. 94,16,907</p>	The committee members noted down the same
1b	Purchase planned for the EVEN semester	<p>Equipment / Items planned to be purchased during the EVEN semester of 2024 - '25 were presented</p> <p>Expected Expenditure (EVEN) - Rs. 57,81,750</p>	The members recommended the purchase of items / equipment
1c	Other matters	Research fund allotted by the management is not utilized by the	(i) HoD's are requested to utilize the research fund by

		departments	submitting proposals. (ii) Faculty members are asked to submit their research proposals and the selected proposals were allotted with Seed money fund (Rs.5,00,000/-)
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Agenda 2: Status of Equipment purchase, Service & Maintenance EVEN semester 2024 – '25

Department	Lab Name	Item	Description	Qty.	Cost Per Unit (Rs.)	Total Cost (Rs.)	Work Completed (Yes / No)
AI&DS	AI&DS Lab	IoT Trainer Kit	Arduino UNO, Raspberry pi4 board, Node MCU board, Zigbee, Servo motor, Relay, Buzzer, WiFi, Bluetooth with all sensors, connecting wires	2	35,872	71,744	Ordered
						71,744	
EEE	Power Electronics Lab	Local Purchase	Local Purchase - Potentiometer, Battery 1.5V, CMOS Battery	-	-	950	Yes
	Electrical workshop Lab	Trainer kit	Trainer kit	2	-	16,815	Yes
	Electrical workshop Lab	CRO	Maintenance request	2	-	-	Yes
	Control and Instrumentation Lab	CRO	2nd channel not working - Maintenance request	2	-	-	Yes
	Control and Instrumentation Lab	Digital Trainer Kit	Power supply - Maintenance request	-	-	-	No
	Control and Instrumentation Lab	Bourdon tube	Air tube - Maintenance request	-	-	-	No
	PG simulation lab	Purchase	Raspberry Pi, Arduino, Sensors, Display	11	7,910	87,025 (including Tax)	Ordered
	PG simulation lab	UPS battery	UPS battery 12V,65AH	10	4,700	47,000	Yes
	Renewable Lab	Computers	Computers	15		10,11,000	Yes
	Simulation Lab	Air conditioners	Purchase through Office	2			Yes
	Simulation	Smart Board	Purchase through Office	1		1,63,500	Yes

	Lab						
	Seminar hall	Rack cabinet, Mic and Mixer	Through our Maintenance department	-			Yes
						13,26,290	
MBA	MBA Lab	Desktop Computer	Lenovo i5 13 th Gen. /8GB RAM/512 GB SSD/19.5" Monitor/Keyboard Mouse	5	47,000	2,35,000	Yes
		Ethernet switch	D-Link DGS-1210-28p	2	11,300	22,600	Yes
		Network Crimping tool	D-Link	1	850	850	Yes
		LAN Tester	D-Link	1	750	750	Yes
		RJ45 Connector	D-Link	2 Box	350	700	Yes
		Network Cable	D-Link	3 Box	8,100	24,300	Yes
		Wall mount rack	D-Link 6 U	1	4,850	4,850	Yes
						2,89,050	
MCA	MCA Lab	Audio system	All in one sound system	-	-	-	No
CSE		Computers	i7 13th Gen	20	67,400	13,48,000	Yes
		Projector	EPSON	1	32,000	32,000	Yes
		Screen	Projector Screen & Cables	2	4,400	8,800	Yes
		Plastic Chair	Standard	80	800	64,000	Yes
		Air conditioners	2 Ton	4	52,500	2,10,000	Yes
		Computers	i7 13th Gen	30	70,000	21,00,000	No
		Air conditioners	2 Ton	6	55,000	3,30,000	No
		Smart LED Display /Projector	Smart LED Display	1	1,50,000	1,50,000	No
		Access Points	D-Link	4	16,000	64,000	No
		UPS	Legrand/APC	1	1,60,000	1,60,000	No
		UPS Battery	Amaron/Exidesola/Tata	15	6,500	97,500	No
		Battery Tester	Elecktrons	1	2,500	2,500	No
		Workstation Server	Lenovo Think station	1	1,20,000	1,20,000	No
		Printer with Scanner	Epson M200	1	20,000	20,000	No
		Ether switch & Networking	D-Link Ether switch, cables, connectors & laying	1	32,000	32,000	No
						16,62,800	
ECE	Embedded Lab	AC	AC Carrier 1.5Ton purchase	4		2,02,000	Yes
	Microprocesso r Lab	Desktop Computers	12 th Generation, i7,16GB RAM,512 GB SSD	5	67,400	3,37,000	Yes
	Microprocesso r Lab	Microprocessor kit	Microprocessor 8085 kit	10	9,080	90,800	Yes

	Electronics Lab	Desktop Computer	Lenovo i5 12 th /8GB RAM/512 GB SSD/19.5" Monitor/Keyboard Mouse	3	67,400	2,02,200	Yes
		DSO, FG, RPS	DSO, FG, RPS	3 nos. each	-	1,50,000	Yes
		Consumables	ICs	-	-	25,620	Yes
						10,07,620	
IT	IT lab	SMPS	SMPS Purchase	5	1,800	9,000	Yes
		SMPS	SMPS Purchase	5	1,900	9,500	Yes
		Mouse	Mouse Purchase	5	225	1,125	Yes
		Access Point	Access Point Purchase	2	12,862	25,724	Yes
						45,349	
H &Sc	Chemistry Lab	-	Research & Development	-	-	53,100	Yes
						53,100	
ME	Thermal Lab	Equipment purchase	Multi Cylinder four stroke Petrol engine with Hydraulic dynamometer	1	2,26,560	2,26,560	Yes
		Maintenance	Equipment Maintenance	-	-	42,000	Yes
	Metrology & Measurement Lab	Temperature measurement	Measurement error	-	-	5,000	Yes
		LVDT	Display problem	-	-	5,000	Yes
		Torque measurement	Measurement error	-	-	5,000	Yes
		Vibration measurement	Display problem	-	-	5,000	Yes
		Profile projector	Display problem	-	-	12,500	Yes
		Auto Colimator	Display problem	-	-	10,000	Yes
	Dynamics Lab						
		Cam Analyzer	Jump mechanism and service	-	-	78,000	Yes
		Critical speed of shaft	Digital sensor and RPMM replacement	-	-	44,000	Yes
		Mass MI of Flywheel Axle	Digital data logger for oscillation timer and service	-	-	35,000	Yes
		Undamped Spring mass system	Digital data logger for oscillation timer and service	-	-	40,000	Yes
		Whirling of Shaft	Motor replacement	-	-	10,000	Yes
	Engineering Practices lab						
		Consumables	Brush, welding gloves, glass cutter, welding glass	-	-	8,000	Yes
						5,26,060	
TOTAL EXPENDITURE						49,82,013	

DISCUSSION

In EEE department, Air conditioners purchased in Simulation Lab, Rack cabinet, Mic and Mixer in Seminar Hall – Amount is not specified.

Smart Interactive board was purchased from Special budget (NBA)

For CSE department, for the items not purchased – amount need not be specified

For certain items mentioned as ORDERED, amount has to be specified

OFFICE OF THE CONTROLLER OF EXAMINATIONS

Sl. No.	Particular	Amount (Rs.)
1	Nov/Dec 2024 Phase I Valuation	4,44,788
2	Nov/Dec 2024 Phase II Valuation	1,39,482
3	Nov/Dec 2024 Phase I& II revaluation, review	22,187
4	Nov/Dec 2024 Phase-I Theory Examination	2,60,050
5	Nov/Dec 2024 Phase-I Theory Examination	62,150
6	Nov/Dec 2024 Phase I - Scribe	7,000
7	Nov/Dec 2024 Phase I Practical	1,56,512
8	Nov/Dec 2024 Phase II Practical	94,290
9	Nov/Dec 2024 Phase I & II Answer key	1,54,000
10	Nov/Dec 2024 Phase I & II Question Scrutiny	1,32,450
11	Nov/Dec 2024 Phase I & II Question Paper Setters	4,12,500
12	XSTREAM	7,658
13	RPB	55,102
14	Exam Audit	5,500
15	Refreshment	90,530
16	Contingency	9,000
17	AT broadband	42,000
18	A4 Paper	45,000
19	Multi-purpose Lable	5,782
20	Toner	6,400
21	8GB RAM	4,900
22	Toner	7,200
TOTAL		21,64,481

CENTRAL LIBRARY

Sl. No.	Particular	Amount (Rs.)
1	Books + e journals	30.26,525

TRAINING & PLACEMENT CELL

Sl. No.	Particular	Amount (Rs.)
1	Drives + Training	8,10,000

CENTRAL OFFICE

Item	Qty.	Cost Per Unit (Rs.)	Total Cost (Rs.)
Box File	300	110	33,000
Note pad	3,000	8	24,000
Answer Booklet with 4 pages (Exam cell)	1,06,254	0.90	63,753
Additional sheet with 2 page	8,50,032	0.40	3,40,013
Drawing sheet	2,944	7	20,608
Interactive flat panel (Board room)	1	1,63,500	1,63,500
Student Uniform			ORDERED
Lab coat			ORDERED
College letter pad	2,000	3	6,000
Principal letter pad	2,000	3	6,000
Meritorious Certificate	1,000	5	5,000
Payment Voucher	10 book	45	450
Student Record			ORDERED
College Prospectus	1,000	45	45,000
TOTAL			7,07,324

TOTAL EXPENDITURE (EVEN)	Rs. 1,16,90,343
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Agenda 3: Summary of ODD and EVEN semester 2024 – '25 expenditure

BUDGET ALLOTTED AND USED (from 01/04/2024 to as on 31/03/2025)

ACTIVITY	BUDGET	ACTUAL	BALANCE	REMARKS
CONTROLLER OF EXAMINATIONS				
COE – Exam Audit	20,000	5,122	14,878	
COE - External+ Internal Remuneration	40,00,000	39,94,652	4,348	
COE - Refreshment Practical & Theory	1,75,000	1,57,778	17,222	
COE - Result Passing Board	75,000	79,915	(4,915)	
COE - Stationary	5,48,000	3,12,202	2,35,798	
LAB CONSUMABLES				
LBC - CIVIL	62,238	39,258	22,980	
LBC - CSE	16,200	-	16,200	
LBC - ECE	46,950	52,101	(5,151)	
LBC - EEE	36,640	32,731	3,909	
LBC - HU.& SC	1,14,000	1,16,800	(2,800)	
LBC - IT	58,000	31,300	26,700	
LBC - MCA	10,000	-	10,000	

LBC - MECH	28,150	-	28,150	
REPAIRS & MAINTENANCE				
RM - AI & DS	50,000	-	50,000	
RM - CIVIL	4,76,700	1,19,152	3,57,548	
RM - COE	14,25,000	3,600	14,21,400	
RM - CSE	1,30,000	21,625	1,08,375	
RM - ECE	81,000	79,653	1,347	
RM - EEE	87,000	10,290	76,710	
RM - Hu.&Sc	50,500	20,415	30,085	
RM - IT	91,000	31,890	59,110	
RM - LIBRARY	15,000	-	15,000	
RM - MCA	57,500	-	57,500	
RM - MECH	3,14,900	29,498	2,85,402	
RM - OFFICE	1,20,000	1,17,850	2,150	
RM-MBA	10,000	-	10,000	
RESEARCH PROGRAM				
RP - AI & DS	75,000	1,47,500	(72,500)	Research Centre approval 2 nd Installment
RP - CIVIL	2,60,000	-	2,60,000	
RP - CSE PROJECT	3,47,000	-	3,47,000	
RP - ECE	1,25,000	-	1,25,000	
RP - EEE	76,200	-	76,200	
RP - IT	3,54,800	-	3,54,800	
RP - MCA	7,000	-	7,000	
RP - RESEARCH PROGRAM	3,00,000	16,88,654	(13,88,654)	Research Institute Recognition - Payment
RP-MECH	1,00,000	-	1,00,000	
STUDENT TRAINING				
AE - Placement & Training	16,21,500	16,81,428	(59,928)	
FIXED ASSETS/ FURNITURE				
FA - COE SOFTWARE	4,13,700	3,96,516	17,184	
FA - HU & SC	32,800	-	32,800	
FA - Library Journals/Periodicals	21,23,000	19,36,558	1,86,442	
FA - MCA	35,000	-	35,000	
FA-CIVIL	1,13,640	-	1,13,640	
FA-COE OFFICE	4,13,700	15,000	3,98,700	
FA-CSE	65,000	64,000	1,000	
FA-ECE	84,600	2,05,150	(1,20,550)	AC - Embedded lab
FA-EEE	60,000	-	60,000	
FA-LIBRARY BOOKS	21,23,000	9,66,357	11,56,643	
FA-LIBRARY-Equipment	2,80,000	1,49,041	1,30,959	
FA-MECHANICAL	1,22,500	-	1,22,500	
FA-OFFICE (Stationary & Assets)	1,30,500	6,34,428	(5,03,928)	Smart Interactive board, 11 cameras, 2 computers
LAB EQUIPMENT				
LE - AI & DS	4,00,000	4,37,400	(37,400)	Purchase of Projector worth Rs.34,700
LE-CIVIL	12,96,770	11,59,660	1,37,110	

LE-CSE	15,00,000	23,05,454	(8,05,454)	
LE-ECE	11,46,500	5,51,150	5,95,350	
LE-EEE	13,93,000	10,29,200	3,63,800	
LE-HU & SC	40,000	1,24,742	(84,742)	
LE-IT	60,000	87,000	(27,000)	
LE-MBA	5,60,000	-	5,60,000	
LE-MCA	9,00,000	2,18,300	6,81,700	
LE-MECH	1,07,000	17,100	89,900	

DISCUSSION

- ✓ In certain departments, FIXED ASSETS/ FURNITURE amount is not utilized.
- ✓ Budget for the academic year 2025 – '26 should be settled between April 2025 and March 2026.
- ✓ Equipment / Item to be purchased should be planned by the respective departments. Utilization and action plan report should be prepared and received from the departments once in 2 months or once in a semester.
- ✓ In BUDGET ALLOTTED AND USED, the Total amount has to mentioned.
- ✓ Research equipment needs to be purchased and more focus should be on Research

Agenda 4: Budget for the academic year 2025 -'26

Sl. No.	Department	Sanctioned Amount (Rs.)
1	Civil	14,70,640
2	Computer Science	41,99,573
3	ECE	56,12,900
4	EEE	24,47,760
5	Mechanical	21,64,500
6	IT	6,94,900
7	AI & DS	67,28,000
8	MBA	14,04,000
9	MCA	20,49,500
10	H & Sc	8,39,265
11	Library	36,92,500
12	Training & Placement cell	20,14,000
13	Office & Principal Office	39,57,474
14	Exam Cell	8,71,135
15	CoE Office	59,95,550
TOTAL		4,41,41,697

Agenda 5: Other matters

- ✓ Apply for DST project proposals
- ✓ Research budget utilization needs improvement
- ✓ Budgeting needs re-evaluation
- ✓ Comparative statement can be included in the presentations stating the budget sanctioned, budget utilized and available balance for the previous academic year and the budget

sanctioned for the current academic year. This has to be done so that the budgeting will be proper without any lapses.

Annexure

Budget for the academic year 2025 –'26 requested by respective departments

MCA department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount(Rs.) (approx.)
1	Desktop Computer	i7, 16 GB RAM, 512 GB SSD, 21.5" LED Monitor, Keyboard and Mouse	65	69,000	44,85,000
2	Wi-Fi	D-Link DAP-2680	2	12,000	24,000
3	Ethernet switch	D-Link DGS-1210-28	4	12,000	48,000
4	Wall mount Rack	9U with cooling fan and power socket	1	6,000	6,000
5	Network Cable	CAT6 UTP Cable, 305 meter	4 Box	6,500	26,000
6	Network Connector	D-Link RJ45	2 Box	1,000	2,000
7	Printer	HP LaserJet Tank 1005	1	18,500	18,500
8	Projector	Epson EB-E01 LED Projector	3	35,000	1,05,000
9	Projector Screen	6x4 Wall mount Insta lock screen	3	4,500	13,500
10	Ceiling Mount Kit	-	3	2,000	6,000
11	HDMI Cable	15 Meters	3	2,000	6,000
12	Power Cable	15 Meters	3	2,000	4,000
13	UPS Battery	Numeric Online UPS- 20 KVA	1	2,70,000	2,70,000
14	UPS	12V 75 AH QuantaSMF Battery	24	6,650	1,59,600
15	AC	2 Ton	4	50,000	2,00,000
TOTAL					53,73,600

IT department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount (Rs.) (approx.)
EQUIPMENT					
1	LCD Projector	Epson	1	30,000	30,000
2	Hard Disk	500GB SSD	60	2,500	1,50,000

3	Scanner	Epson DS-1630 Document Scanner-Flatbed	1	25,000	25,000
4	Printer	HP / Cannon	1	30,000	30,000
5	Air Conditioner	1.5 Ton AC	3	35,000	1,05,000
					3,40,000
CONSUMABLES					
1	Spare for computers	USB Mouse	10	200	2,000
2	Spare for computers	SMPS	10	2,000	20,000
3	Monitor	18.5" Monitor	5	6,000	30,000
					52,000
RESEARCH & DEVELOPMENT EQUIPMENT					
1	Raspberry Pi	Raspberry Pi	5	5,000	25,000
2	Arduino	Arduino Microcontroller	5	2,000	10,000
3	Water Level Sensor	Water Level Sensor	2	200	400
4	Gas Leakage Sensor	Gas Leakage Sensor	2	200	400
5	Humidity and Temperature Sensor	Humidity and Temperature Sensor	2	500	1,000
6	Vitamin Sensor	Vitamin Sensor	6	8,000	48,000
7	EEG-Based Brain-Computer Interfaces	EEG-Based Brain-Computer Interfaces	2	20,000	40,000
8	AI Edge device	Google coral	2	15,000	30,000
					1,54,800
BOOKS AND PERIODICALS					
1	Book	Encyclopedia of Computer Science	1	50,000	50,000
2	Book	Quantum Computer Science: An Introduction	1	5,000	5,000
3	Book	Internet of Things	1	650	650
					55,650
FURNITURE AND FITTINGS					
1	Computer Table top Sheet replacement	Computer table top sheet broken	-	80	25,000
					25,000
TOTAL					6,27,450

EEE department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount (Rs.) (approx.)
CONSUMABLES					
1	Digital IC	7400,7402,7404,7408,7432,7480	50 each	20	6,000
2	Lamp	40W	10	15	150
3	Patch card pin		100	25	2,500

4	Soldering paste		10	25	250
5	Resistors	Resistors	different ranges	-	100
6	BJT	BJT	10	-	120
7	MOSFET	MOSFET	5		100
8	Photo Transistor	Photo Transistor	10		50
9	Diode	Diode	10		30
10	Zener diode	Zener diode	10		30
11	Capacitors	Capacitors	2	50	100
12	9 V Cell	9 V Cell	25	20	500
13	Resistor	1.5Kohm	100	1	100
14	Panel Board Indicator	230V, Round Model	20	100	2,000
15	Fuse Wire	25A	500 gm	1,000	1,000
16	Soldering Lead	-	250 gm	700	700
					13,730

EQUIPMENT

1	Mike (Seminar hall)	Cordless & Collar	2	8000	16,000
2	Computer	Intel Core i7, 13th Generation, Processor, 16 GB RAM, 512SSD	16	70,000	11,20,000
3	Battery	65 AH, 12V, SMF	30	6,000	1,80,000
4	Air Conditioner	2 Ton High Wall Split	3	55,000	1,65,000
5	DSP Kit for electrical drives	Micro-28377D	2	1,06,000	2,12,000
6	DSO	50 MHz	3	40,000	1,20,000
7	Computer	i7 Processor, 13 th generation. 16 GB RAM, 1 TB SSD hard disk	5	52,000	2,60,000
8	Desktop computer	Intel Core i7, 13th Generation Processors	5	65,000	3,25,000
9	Magnifying lens	Laboratory use - for checking IC's	1	500	500
10	Battery charger	Three-wheeler vehicle battery charger	1	4,000	4,000
11	Arduino	Arduino ATmega 328P	10	1,100	11,000
12	Raspberry pi	Raspberry pi	5	7,000	35,000
13	Motor	Air compressor motor	1	5,000	5,000
14	Computers	Intel®Core i7, 13th Generation, 16 GB RAM	3	74,990	2,24,970
15	Desktop computer	Intel Core i7 Processors, 13th Generation	5	65,000	3,25,000
					30,03,470

FURNITURE & FITTINGS

1	Ceiling Fittings	1' X 1' LED Lamp Ceiling Fittings	5	1,000	5,000
2	Ceiling fans	Induction motor based	3	2,000	6,000
3	Electrical	48 inch	2	2,000	4,000

	Ceiling fan				
4	Working table	--	1	10,000	10,000
5	Celling Fan	52 inch	12	3,000	36,000
6	Electrical equipment parts	10ft X 10ft Electrical equipment parts display shelf – Bricks with Glass door	1	15,000	15,000
					76,000
RESEARCH & DEVELOPMENT					
1	ARM Processor Training kit	LPC2148 Trainer Kit	5	15,000	75,000
2	Jumper wires	-	10 sets	35	35
3	Data Logger/ Power Logger	Fluke three phase power logger	1	1,00,000	1,00,000
4	Automatic weather monitoring	standard	1	1,20,000	1,20,000
					2,95,035
TOTAL					33,88,235

CE department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount (Rs.) (approx.)
EQUIPMENT					
1	Simply supports	High grade steel	1set	32,000	32,000
2	Cutting Machine		1	5,000	5,000
3	Sieve set	(IS sieve 40mm, 31.5mm, 25mm, 20mm, 16mm, 12.5mm, 10mm & 6.3mm, 2.36mm and 90 micron)	1	8,000	8,000
4	Sieve set	Coarse agg set	1	10,000	10,000
5	Beam mould	Dimensions: 100 mm x 100 mm x 500 mm	2	4,000	8,000
6	Specific Gravity Flask (Le Chatelier)	The neck is graduated from 18 to 24ml in 0.1ml	5	1,000	5,000
7	UPS batteries	12V 65AH SMF	10	6,272	62,720
8	STAAD.Pro (software)	Bentley Academic - Classroom Subscription License for 3 years with FREE Student Server	5 users	33,600	1,68,000
9	Computer	Lenovo Intel i5,8 GB RAM , 512 Gb SSD, 21.5" LED Monitor, Key board, Mouse	5	55,000	2,75,000
10	Reciprocating Pump	0.5 HP motor, SS unit	1	70,000	70,000
11	U Tube Mano Meter		2	6,000	12,000
12	Weighing Balance (ordinary)	10 kg capacity	1	7,500	7,500

13	Sieve	600 micron	2 nos	750	1,500
14	Sieve	425 micron	2 nos.	700	1,400
15	Pyconometer	Standard size	4 nos.	700	2,800
					6,68,920
RESEARCH & DEVELOPMENT EQUIPMENT					
1	Crack width measuring microscope	Magnification x 40 Measuring range – 4mm Division: 0.02 mm Weight including battery: 560 g Box size : 150mm x 100 x 50 mm deep	1	19,500	19,500
2	Strain Gauge	Electrical Resistivity	30	400	12,000
3	Dial Gauge	0 – 20 mm	2	12,000	24,000
4	Length Comparator	Dial Gauge Reading – 0.002mm x 5mm	1	11,500	11,500
5	High Temperature Furnace	Max Temperature (0 C): 1400 power 1.5 -7.5 kw Voltage : 220 V, Single phase, 50 Hz, AC Supply	1	1,27,000	1,27,000
6	Hammer And Guide Pipe Assembly	Free fall: 75cmColor: Black	1	15,000	15,000
7	Hydraulic Jack for Cyclic Load	1000 Ton	1	50,000	50,000
					2,59,000
TOTAL					9,27,920

Humanities and Sciences (Physics)

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount (Rs.) (approx.)
EQUIPMENT					
1	Cardboard	Round 10 cm Dia	6 nos	20	120
2	Newton's Ring lens	Convex lens	10 nos	32	320
3	Graduated burette	Borosilicate	3 nos	200	600
4	Capillary Tube	30cm length	5 nos	75	375
5	Optical Fibre Cable Only	Numerical Aperture Kit experiment	½ meter 2 nos	3,200	6,400
6	Laser Grating	2500 lines/inch -PICO	2 nos	2,300	4,600
7	Heating Mantle	Band Gap Semiconductor	1 no	3,600	3,600
8	Apparatus	Lee's Disc apparatus	1 no	3,500	3,500
RESEARCH & DEVELOPMENT					

1	ARM Processor Training kit	LPC2148 Trainer Kit	5	15,000	75,000
2	Jumper wires	-	10 sets	35	350
3	Data Logger/Power Logger	Fluke three phase power logger	1	1,00,000	1,00,000
	REPAIR & MAINTENANCE				
1	Spectrometer	Spectrometer	6	200	1,200
2	Microscope	Travelling Microscope	12	225	2,700
3	Stop Clock	Stop Clock	6	300	1,800
4	Band Gap Kit	Band Gap Kit	3	1,000	3,000
5	Heating Mantle	Heating Mantle	3	1,000	3,000
6	Laser Source	Laser Source	3	1,500	4,500
7	Electric Heater	Electric Heater	3	1,000	3,000
8	NA Kit	Numerical Aperture Kit	2	1,000	2,000
9	Digital Stop clock	Digital Stop clock	3	500	1,500
	FURNITURE & FITTINGS				
1	Need 2 tube lights in the dark room	Electrical work	-	-	5,000
2	Service for all switch boards	Electrical work			
3	Service for Windows hook	Carpenter work	-	-	2,000
4	Fixing the keys on each cupboard	Carpenter work			
TOTAL					2,24,565

Humanities and Sciences (Chemistry)

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount (Rs.) (approx.)
EQUIPMENT					
1	Potentiometer	Digital Potentiometer	2	9,000	18,000
CONSUMABLES					
1	Burette	Borosil	30 no	250/1 no	7,500
2	Conical Flask	Borosil	30 no	150/1 no	4,500
3	Pippete	Borosil	30 nos	100/1 no	3,000
4	Dropper with teat	Borosil	10 nos	30/1 no	300
5	Ammonia solution	Nice	10 L	1000/5 L	2,000
6	Potassium iodide	Nice	6 kg	6000/500 gm	72,000
7	Ethyl alcohol	Nice	7 litre	600/500 ml	8,400
8	Sodium hydroxide	Nice	1.5 Kg	300/500 g	900

9	Phenolphthalein	Nice	500 ml	150/125 ml	600
10	Methyl orange	Nice	500 ml	225 /125 ml	900
11	Distilled water	Nice	15 L	300/5 L	900
12	Sulphuric Acid	Nice	5 L	1400/5 L	1,400
13	Hydrochloric Acid	Nice	2.5 L	600/2.5 L	600
14	Filter paper	Whatman	2 Pkts	1100/ 1 pkt	2,200
15	Spatula	Non metal	10 nos	20/1 no	200
					1,01,200
RESEARCH & DEVELOPMENT					
1	Magnetic Stirrer (with pellets)	REMI	1 no	15,000/1 no	15,000
2	Waterbath	REMI	1 no	10,000/1no	10,000
3	UV Cabinet	REMI	1 no	15,000/1 no	15,000
4	Centrifuge Machine	REMI	1 no	47,000/1no	47,000
5	CV SP 150 Electro Chemical Work Station		1 no	12,00,000/1 no	12,00,000
6	Refrigerator – Digital inverter with stabilizer	SAMSUNG	1 no	15,000/1 no	15,000
					13,02,000
REPAIR & MAINTENANCE					
1	Potentiometer	-	-	-	10,000
2	pH meter	-	-	-	10,000
3	Electronic Balance	-	-	-	5,000
4	Gas Line Servicing	-	-	-	5,000
					30,000
FURNITURE & FITTINGS					
1	Cupboard in slab		3	3,000	12,000
2	Working tables	To change hylam sheet	9	2,000	18,000
3	Working tables	To change the old pipes	36	2,000	72,000
4	Wash basins	To change old wash basins	18	2,000	36,000
5	Plastic Bucket With lid (50 lit)	Plastic	6	300	1,800
					1,39,800

CSE Department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount(Rs.) (approx.)
EQUIPMENT					
1	Computers	Corporate PC : Lenovo Core i7 13 th Gen./ 16GB / 512GB SSD / 21.5" FHD Monitor, KB,	35	70,000	24,50,000

		Mouse			
2	Airconditioners	LG / Carrier	6 Nos.	55,000	3,30,000
3	Projector	Epson make with screen, Ceiling Mount Kit & Cables	1	50,000	50,000
4	Access Points	D-Link DAP X2810	4	16,000	64,000
5	UPS	10 KVA online 1:1 (APC/Legrand/Numax/Hykon)	1 No.	1,60,000	1,60,000
6	UPS Battery	Amaron/Panasonic 65AH/12V	15	6,500	97,500
7	Battery Tester	ELEKTRON'S BCT 7 Digital Battery Tester	1	2,500	2,500
					32,94,000
CONSUMABLES					
1	CMOS Battery	CR2032	30	100	3,000
2	UTP Connector	CAT6- D-Link	6	300	1,800
3	HDMI Cables	MX, 20Meters	4	1700	6,800
4	Screw Drivers	Flat and Star	4	100	400
					12,000
RESEARCH & DEVELOPMENT EQUIPMENT					
1	Computers	Corporate PC : Lenovo Core i7 13 th Gen./ 16GB / 512GB SSD / 21.5" Monitor, Mouse	5	70,000	3,50,000
2	Workstation Server	Lenovo ThinkStation / P3 Tower Workstation system / Intel Core i7 - 13 th Gen. 13700 Vpro / Intel W680 Chipset MB / 64GB DDR5 RAM (16 GB * 4 Lenovo RAM) 1 TB SSD M.2 NVME / KB / Mouse / Lenovo 24" IPS FHD Monitor / Tower cabinet with 500W SMPS	1	1,20,000	1,20,000
3	Ether Switch	D-Link DGS 1210-28	1	16,000	16,000
4	Networking	Cables, Connectors, networking & others	--	16,000	16,000
5	Printer -Scanner	EPSON M200	1	20,000	20,000
					5,22,000
REPAIR & MAINTENANCE					
1	NVME SSD: Crucial P3 Plus 500GB PCIe 4.0 3D NAND NVMe M.2 SSD, up to 4700MB/s - CT500P3PSSD8		35		1,12,000
2	Repair	SSD : Crucial BX500 500GB 2.5-inch SATA 3D NAND Internal SSD upto 550 MB/s	30		78,000

3	RAM Upgrade	GC Lab			61,250
4	Repair	SMPS, Monitor & printers			25,000
5	Computer Spares	Motherboard, Monitor, SSD, SMPS, KB, Mouse, MB, Monitors, Adapters, CAT6 Cables			1,00,000
					3,76,250
FURNITURE AND FITTINGS					
1	False Ceiling	4000 sqft	70	4,000	2,80,000
2	Computer Table	Standard	5	1,600	8,000
3	Rolling Chair	Standard	10	1,200	12,000
4	Student Bench & Student Table	Standard	35	7,000	2,45,000
5	Green Board	Standard	1	15,000	15,000
6	Fan	Standard	6	1,500	9,000
7	Light	Standard	9	200	1,800
8	Notice board	Standard	1	500	500
9	Wall mount rack	1.5 ft. x 1.5 ft for laptops	9	1,000	9,000
10	Plug Points	3P&3Sw	30	500	15,000
TOTAL					5,95,300

GENERAL BUDGET - Maintained by Dept. of CSE

INTERNET & SERVERS

Sl. No.	Schemes proposed	Specification of requirements	Approximate cost (Rs.)
1	Leased Line Broadband	1010 Mbps, 1:1 ILL	15,00,000
2	Server	Lenovo SR630 V3 – Think system 32GB RAM, H/w Raid + 2 x 2TB SSD	4,00,000
3	Server Maintenance	Server Motherboard / HDD / RAM / Cards	1,50,000
4	Network Maintenance	Wi-Fi area extension - Ether Switch / Access Point / Network Cable	4,00,000
TOTAL			24,50,000

MBA department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit(Rs.)	Total Amount(Rs.) (approx.)
EQUIPMENT					
1	Desktop Computers	i5/8GB RAM, 512 GB SSD/19.5' Monitor/ Keyboard & mouse	40	50,000	20,00,000
2	Projector	Epson	1	35,000	35,000
3	Data Analytics	Statistical Package for	20 users	5,00,000	5,00,000

	Software	Social Sciences (SPSS)			
4	Tally Software	Tally Prime	30	1,00,000	1,00,000
5	Speaker	Ahuja	2	5,000	10,000
6	Wireless Collar microphone	Ahuja	1	10,000	10,000
7	UPS battery	Quanta QMF	20	8,000	1,60,000
					28,15,000
CONSUMABLES					
1	SMPS	Crosair 650	2	5,000	10,000
2	Monitor	H110 Motherboard	2	7,500	15,000
3	Mother Board	H 110 Chipset	2	7,500	15,000
4	RAM	8 GB	2	2,500	5,000
5	SSD	512 GB	2	5,000	10,000
					55,000
REPAIR & MAINTENANCE					
1	HP Laser jet 2015 printer	Double side printing problem	-	-	5,000
2	HP laser jet	HP laser jet 1020 plus	-	-	5,000
3	Mother board	-	-	-	5,000
4	UPS	AMC	-	-	25,000
					40,000
TOTAL					29,10,000

AI&DS Department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount(Rs.) (approx.)
EQUIPMENT					
1	Desktop Computers	Lenova workstation – i9/32 GB RAM, 512 GB SSD/21.5' Monitor	65	1.95.000	1,26,75,000
2	Wi-Fi	D - Link	1	12,000	12,000
3	AC	Carrier 2.0 Ton	6	50,000	3,00,000
4	HDMI Cable	HDMI to HDMI connector	2	2,000	4,000
5	Printer	HP Printer	1	20,000	20,000
6	Projector	Projector with screen	1	35,000	35,000
7	PPT presenter	PPT presenter	1	2000	2000
8	UPS with battery	UPS with battery	1	1,00,000	1,00,000
9	Audio system	Audio system	1	15,000	15,000
10	IoT trainer kit	IoT trainer with Raspberry Pi ,Arduino	13	40,000	5,20,000
11	UPS AMC	AMC	1	25,000	25,000
12	Smart board	Interactive board	1	1,00,000	1,00,000

13	Creative media lab	Video editing, audio dubbing, green matte background editing	1	10,00,000	10,00,000
					1,48,08,000
CONSUMABLES					
1	AC remote	LG	1	1,000	1,000
2	Cooling fan	CPU cooling fan	1	1,000	1,000
3	HDMI to video cable	1 metre length	1	500	500
					2,500
RESEARCH & DEVELOPMENT					
1	Drone	Kit with WiFi & camera	1	25,000	25,000
2	Oculus link	VR handset cable for Quest and gaming PC	1	7,000	7,000
					32,000
TOTAL					1,48,42,500

LIBRARY

Sl. No	Item & Description	Total Amount (Rs.) (approx.)
1	Equipment	1,80,000
2	Furniture & Fittings	1,00,000
3	Repair & Maintenance	20,000
4	Stationery	14,500
5	Books and Periodicals	33,73,000
	TOTAL	36,87,500

ECE Department

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit (Rs.)	Total Amount(Rs.) (approx.)
EQUIPMENT					
1	Microprocessor	8051	10	10,000	1,00,000
2	Computer	Intel i7 with 16GB RAM 1TB HDD, 21.5" LED Monitor, Key board, Mouse	25	70,000	17,50,000
3	CRO Probe	BNC-Crocodile	10	300	3,000
4	DSO	100 MHz	08	35,000	2,80,000
5	DSO Probe	BNC- Crocodile	16	300	4,800
6	UPS	12V/65AH/Quanta SMF Batteries	20	7,000	1,40,000
7	Computer SMPS	SMPS for Lenovo Desktop	3	6,700	20,100

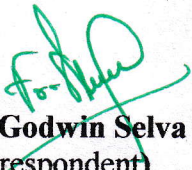
		system – P/N: 54Y8933			
8	Embedded kit	ARM7 LPC2148 Kit	5	9,500	47,500
9	DSO	100MHz	10	35,000	3,50,000
10	Power Supply	Multiple Power Supply	10	10,000	1,00,000
11	FG	2MHz Function generator	10	15,000	1,50,000
12	Multimeter	-	10	1000	10,000
13	AM, FM Kit	-	Each 1	20,000	40,000
14	3D Printer (BED)	-	1	5,000	5,000
15	Printer	Laser	1	18,000	18,000
16	SMPS	Model-HK280-72PP	5	6,000	30,000
17	Battery	12V,65Ah	30	6,000	1,80,000
18	HDMI Cable	20 Meter	1	2,000	2,000
19	Mother Board	-	5	9,000	45,000
20	Spartan 7 Kit	FPGA-Digital Boolean board	10	8,000	80,000
					33,55,400
CONSUMABLES					
1	CMOS Battery	3V	30	20	600
2	Resistor,Capacitor		500	1	1,500
3	ICs		200	20	4,000
4	Patch Cord Pin		200	25	5,000
5	Bread board		10	200	2,000
6	Battery	12V,1.3AH/20HR	3	600	1,800
					14,900
RESEARCH & DEVELOPMENT EQUIPMENT					
1	Camera Module	ESP32CAM	03	600	1,800
2	Finger Print Sensor	R307 Optical Fingerprint Reader	01	1,400	1,400
3	RF tag and Reader	RC522	01	400	400
4	TCAD tool	Silvaco TCAD [Computer Aided Design- (EDA)]	01	9,00,000	9,00,000
					9,03,600
REPAIR & MAINTENANCE					
1	Microprocessor	Microprocessor -8085	-	-	5,000
2	Microcontroller	Microcontroller -8051	-	-	10,000
3	Interfacing Kit	Interfacing Kit	-	-	3,000
4	AC (2 Ton X 4)	AMC	-	-	24,000
5	Power supply	Klystron Power supply	-	-	2,000
6	VSWR Meter	VSWR Meter	-	-	3,000
7	Digital link	Digital link kit	-	-	1,000
8	Microprocessor	Microprocessor -8086	-	-	7,000
9	CRO	Knob problem	-	-	5,500
10	Monitor	Monitor	3	2,500	7,500
11	IC Tester	IC Tester	2	1,000	2,000
12	Trainer Kit	Digital Trainer Kit	10	1,000	10,000
13	RPS (0-30V)	RPS (0-30V)	5	1,000	5,000
14	Calibration	Calibration	-	-	35,000
15	Spirometer	Port problem	-	-	3,000
16	Hydraulic door	Not working	-	-	1,800

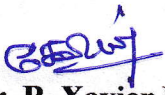
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					1,24,800
FURNITURE AND FITTINGS					
1	Switches	6 Amp	10	25	250
2	Tube light	40W	6	50	300
3	Computer Table	Computer Table	10	5,000	50,000
4	Computer Chair	Computer Chair	10	1,500	15,000
5	Wiring	Computer Table wiring	10	1,000	10,000
6	Networking	Computer Table- Networking	10	500	5,000
7	AC	2 Ton	6	70,000	4,20,000
8	Computer table switch boards	3 Socket one switch	2	1,000	2,000
9	Tray roller	Key board Tray roller	5	300	4,000
10	Glass Sliding Window	5.5 Feet x 4 Feet- Aluminium Glass Sliding Window	16	2,000	32,000
11	Plug & Switches	Work Table	Each 25	30	750
12	Bag Rack	Wooden	1	5,000	5,000
13	Chair	Plastic armless	36	1,000	36,000
					5,80,300
TOTAL					49,79,000

Office of the Controller of Examinations

Sl. No	Item	Description	Qty.	Estimated Cost Per Unit(Rs.)	Total Amount(Rs.) (approx.)
EQUIPMENT / SOFTWARE					
1	Software	Exam software – Enova - Renewal	1 year	3,75,500	3,75,500
2	Internet	12 Mbps, Static ip - Renewal	1 year	42,000	42,000
3	Fire wall	Renewal	1 year	7,750	7,750
4	Mobile prepaid connection	Renewal	9 months	1,500	1,500
					4,26,750
1	Stationary				1,83,800
REPAIRS, MAINTENANCE AND SALARY					
1	CoE office	UPS, copier machines, printers, computers and other equipment	-	-	75,000
2	Electricity	-	-	-	4,00,000
3	Maintenance	General maintenance	-	-	50,000
4	Salary	3 junior assistants	-	-	6,67,416
5	Salary	2 office assistants	-	-	2,88,000
			-	-	14,80,416


1	Others	Remuneration, Fee to AU , Refreshment	-	-	48,83,000
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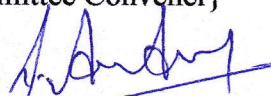

Rev. Fr. S. Godwin Selva Justus
 (Correspondent)



Rev. Fr. R. Xavier Raj
 (Financial Administrator)


Mr. Arul Dhas V.M.
 (Audit Committee Convener)

Mr. Vincent D.
 (Purchase Committee Convener)


Dr. J. Maheswaran
 (Principal)


Dr G. Antony Miraculas
 (HoD / MECH)


Dr.S. Caroline
 (HoD/ ECE)


Mr.P.T.Justin Thiraviyam
 (Office Superintendent)